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ADDITIONS TO THE MUSEUM.

1893.

ARCHÆOLOGY AND ETHNOLOGY.

Chas. Ball. Mummied hand, Egypt.

Mrs. G. W. Carpenter. Twenty-four Indian head dresses and other relics; fifty-five shoes from China, Japan, and other countries; one dissected man, showing circulatory and nervous systems; two human skeletons, man and woman; one human skull.

Prof. Angelo Heilprin. Pair of Eskimo boy's shoes, Godhavn, Greenland.

Clarence B. Moore. A collection of about three hundred trays of Indian relics from the mounds of Volusia County, Florida.

Peary Relief Expedition. Four suits Eskimo clothing, Godhavn, Greenland; fifty-two trays Eskimo implements, Greenland.

Dr. C. N. Pierce. Twenty human crania and one femur of Hawaiians with wrappings from Sandwich Islands.

Thos. M. Seeds, Jr. One Mexican horse-hair lariat and one arrow head, Texas.

Jos. Willcox. A collection of Indian arrow-heads, Iredell Co., N. C.

MAMMALS.

Mrs. G. W. Carpenter. Eight mounted mammals and one bison skull.

Dr. H. C. Chapman. Mounted specimen of *Aplodontia rufa*, Tacoma, Wash.

W. Coward. Skin of *Mustela americana*, Lycoming County, Pa.

Dr. S. G. Dixon. Brain of Eskimo dog; mounted skeleton of *Canis familiaris*.

Capt. E. J. Fish. Piece of horny plate from muzzle of *Balænoptera sieboldii*.

Peary Relief Expedition. *Lepus timidus arcticus*, mounted specimen, two skins and four skulls, Robinson's Bay, Greenland. *Vulpes lagopus*, skin, *Thalassarcos maritimus*, mounted specimen. *Phoca barbata* McCormick Bay. *Trichechus rosmarus*, brain, Smith's Sound.

Purchased. Mounted specimen of *Mazama montana*, Cascade Mts., Washington.

S. N. Rhoads and Witmer Stone. Mounted specimen of *Sciurus hudsonius*, with nest, May's Landing, N. J.

W. E. Rothery and Prof. A. B. King. Mounted specimen and skeleton of *Chæropsis liberiensis*, Liberia.

Jos. Willcox. Fragments of lower jaw of *Balcena cisarctica*.

Zoological Society of Philadelphia. Mounted specimens of *Macacus cynomolgus*, *Hapale penicillata*, *Trichosurus vulpecula*, *Antelope cervicapra*, *Macacus erythræus*, *Cebus hypoleucus*, *Hapale vulgaris*, *Nandinia binotata*, *Lemur varius*, *Felis concolor*, *Equus burchellii*, *Cynocephalus* sp., *Portax pictus*, *Tragelaphus scriptus*, *Galera barbara*, *Equus chapmani*, *Gulo luscus*, *Auchenia llama*, *Tragulus javanicus*.

Skins of *Macacus cynomolgus*, *Cebus fatuellus*, *Gazella subgutturosa*, *Sciurus hypopyrrhus*, *Gazella* sp., *Vulpes* sp.?

Skeletons of *Lynx rufus*, *Felis pardus*, *Canis virginianus*, *Caprovis* sp., *Phacocheerus æthiopicus*, *Rusa hippelaphus*, *Gazella subgutturosa*, *Gazella* sp.

Skulls of *Macacus cynomolgus*, *Bison bison*, *Galera barbara*, *Equus burchellii*, *Vulpes* sp.? *Equus chapmani*, *Ursus americanus* and collection of twenty-six miscellaneous skulls.

BIRDS.

G. B. Benners. Skins of *Dendroica chrysoparia* and *Vireo atricapillus*.

Mrs. G. W. Carpenter. A collection of one hundred and ten mounted birds and one hundred and twenty-three skins, including a mounted specimen of the male Labrador duck, *Camptolaimus labradorius*, also two ostrich eggs.

Dr. S. G. Dixon. Mounted specimen *Meleagris gallopavo*, Virginia.

Delaware Valley Ornithological Club. Twenty-two mounted birds; thirteen nests, eight sets of eggs, for Delaware Valley Ornithological Club collection.

Albert Lano, (in exchange). Six bird skins, Minnesota.

Peary Relief Expedition. Young Eider Duck, (alcoholic), Duck Island, Greenland.

Purchased. S. N. Rhoads collection of about 1,100 skins from British Columbia and Washington. Four skins *Dendragapus fuliginosus*, Washington, and mounted specimen *Meleagris gallopavo*.

I. S. Reiff, for late H. K. Jamison, one hundred and eighty-two eggs (twenty-two species), Eastern North America.

Prof. J. P. Remington. One skin *Puffinus stricklandi*, Atlantic City, N. J.

S. N. Rhoads. One skin *Merganser americanus*, Washington.

Louis Schneider. Fifteen young birds in the down, British America.

Dr. Spencer Trotter. A collection of eleven skins from Beaverkill, Sullivan County, N. Y.

Zoological Society of Philadelphia. Mounted specimens of *Cygnus* sp., *Psophia* sp., *Otogyps calvus*.

Skins of *Thaumalia picta*, *Metopiana peposaca*, *Palamedea cornuta* with sternum, *Conurus* sp., *Eupochortyx leucotis*, *Leptoptilus dubius*, *Balearica regulorum*. Skulls and sterna of *Grus cinereus*, *Aquila* sp., *Penelope marail*, *Ortalia albiventris*, *Balearica pavonina*, *Psittacus erythræus*, *Otogyps calvus*. Eggs of *Sarcorhampus gryphus* and *Vultur cinereus*.

Dr. Edw. Stone. Bird and nest covered by artificial concretion.

REPTILES AND BATRACHIANS.

Mrs. G. W. Carpenter. Four mounted turtles.

Dr. H. C. Chapman. *Cryptobranchus alleghaniensis*, articulated skeleton and one jar of viscera.

W. W. Jefferis. Shed skin of *Crotalus adamanteus*.

Philip Laurent. *Storeria occipitomaculata*, Hamilton County, N. Y.

Purchased. *Python sebae*, (2) *Morelia spilotes*, Australia.

S. N. Rhoads. Nineteen jars reptilia and batrachia, British Columbia and Washington.

Zoological Society of Philadelphia. Two eggs *Testudo tabulata*; one jar *Zonurus giganteus*; articulated skeleton and three jars viscera of *Megalobatrachus maximus*; three reptile skulls.

FISHES.

Philip Laurent. *Exoglossum maxillingua*, Hamilton Co., N. Y.

Col. Marshall MacDonald. *Lopholatilus chamaeleonticeps*, one hundred miles off Sandy Hook.

Purchased. *Pristis antiquorum*, West Indies.

S. N. Rhoads. One jar of fish, British Columbia.

Seaford Oyster Co. *Batrachus tau*, Seaford, Del.

Prof. Benjamin Sharp. Two jars of fish, Nantucket, Mass.

CRUSTACEANS.

Wm. H. Boon. One jar *Peneus setiferus*, Holly Beach, N. J.

Dr. H. C. Chapman. One jar *Upogebia affinis*, Atlantic City, N. J.

Dr. S. G. Dixon. One jar *Cambarus diogenes*, Virginia.

J. E. Ives and H. A. Pilsbry. Four jars *Cambarus bartonii*, Md. and W. Va.; one jar *Cambarus affinis*, Pa.

Miss M. E. Lyndall. One jar *Cambarus bartonii*, Pa.

Prof. Benj. Sharp. One jar *Carcinus moenas*, Nantucket, Mass.

Miss West. *Balanus tintinabulum*, Panama.

ECHINODERMS, WORMS, CORALS, ETC.

- J. E. Ives. One jar *Thyone* sp. Thoroughfare, Five Mile Beach, N. J.
 Mrs. Joseph Leidy. One mass of *Pocillophora elegans*.
 H. C. Machette. Six trays corals, Samoan and Gilbert Islands.
 Peary Relief Expedition. One jar *Strongylocentrus drobrachiensis*,
 McCormick Bay; one jar *Cucumaria frondosa*, Godhavn, Greenland.
 S. N. Rhoads. Three trays *Echinus*, Nesqually, Puget Sound; one
 specimen *Vermetus*, Washington.
 U. S. Department of Agriculture. Four jars and three slides
Tenia sp.

RECENT MOLLUSCA.

- T. H. Aldrich. *Ariophanta dohertyi* Aldrich, Sumatra, Type.
 Edw. Barber. *Helix obvoluta* Müll., from Sussex, Eng.
 C. E. Beecher. Types of *Lyogyrus dallii* Pils. and Beech., Wekiva
 R., Fla.
 Botanical Section. *Helix* from Mt. Lebanon.
 John Brazier. Thirteen species of land shells from Australia and
 Solomon Is. (alcoholic).
 Mrs. G. W. Carpenter. One hundred and forty-eight trays of mol-
 lusks.
 G. H. Clapp. *Strobilops* from Georgian Bay, Ont.
 Conchological Section. Eighteen jars of alcoholic specimens pur-
 chased from Henry Hemphill; four jars and three trays from F.
 Sikora; collection of New Zealand land shells purchased from H.
 Suter.
 Dr. J. C. Cox. Forty-five trays and thirty bottles of Chitons from Aus-
 tralia, including types of *Chiton coxi* Pils., *Acanthochites retrojectus*,
A. coxi and *A. granostriatus* Pils., etc., etc. *Rhytida lerchardi*
 Cox, and four trays of Solomon Island Helices.
 Prof. A. R. Crandall. *Angitrema geniculata* and *armigera* and *An-
 culosa prerosa* from Wayne Co., Ky.
 S. G. Crump. *Chlorostoma nigricolor* Dkr., Japan.
 J. H. Ferriss. Several trays of *Strobilops* from Illinois and Kansas.
 John Ford. Types of *Helix beadlei* Pils., collected in Arabia by Dr.
 Beadle. *Cyclostoma* from Madagascar.
 W. J. Fox. *Philomycus* from Clementon, N. J.; three trays of shells
 from New Jersey and two from Jamaica.
 Prof. Gentry. *Anodonta* from Long Pond, Nantucket.
 S. W. Heaton. Four trays of shells from Niagara Falls.
 Charles Hedley. Seven species of land mollusks from New Zealand,
 Tasmania and Australia, in alcohol.
 Angelo Heilprin. Six bottles of *Aplysia*, etc., from Florida.

- Prof. F. W. Hutton. Seventeen trays of marine mollusks (Chitons and Pelecypods), from New Zealand.
- Chas. W. Johnson. *Paludomus palawanicus* Brot., and other shells.
- F. H. Lattin. Four species of mollusks.
- Dr. J. P. Lundy. *Neritina jordani* Sow., *Melanopsis costata* Oliv., etc., Palestine.
- H. C. Machette. Twenty species of shells from Samoan Is., etc. *Aplysia* and *Vaginulus* from Florida Keys.
- C. B. Moore. Eighteen trays of shells from the St. John's region, Fla.
- Mrs. M. P. Olney. Three species land and fresh water shells from Washington (alcoholic).
- Peary Relief Expedition of 1892. Twenty-two jars and fifty trays marine mollusks from Greenland, collected by Prof. A. Heilprin.
- H. A. Pilsbry. *Helix fultoni* G. A., *Acmæa dorsuosa* Gld., and other shells.
- H. A. Pilsbry and J. E. Ives. One hundred and fifty-four trays and six bottles of mollusks from Western Maryland. Collection enumerated and described in Proc. Acad. Nat. Sci. Phila. for 1894.
- Henry Prime. Twenty-five species of mollusks from Haiti, part alcoholic.
- J. B. Quintard. Three trays of *Strobilops* from Kansas.
- W. J. Raymond. *Tellina purpurascens* etc., Acapulco.
- S. N. Rhoads. Twelve species of mollusks, Delaware Water Gap, N. J.; thirteen species marine and seven species land mollusks from Nesqually; Washington; six species from Vernon, B. C., etc.
- J. Ritchie, Jr. Twenty-nine species of shells.
- Prof. J. N. Rovirosa. Twenty-four species land and fresh water shells from the State of Tabasco, Mexico.
- H. E. Sargent. *Acmæa mesoleuca*, *Cancellaria tessellata* and other marine shells; twenty trays of land and fresh water shells from Alabama.
- Dr. B. Sharp. Three species of fresh water shells from Nantucket; fifteen trays of land shells from Dominica, etc.
- Dr. Henry Skinner. *Pyramidula perspectiva*, *Polygyra palliata* and *P. Andrewsæ* from Mitchell Co., N. C.
- U. C. Smith. *Ampullaria depressa* Say (alcoholic), Florida; *Clione borealis*, Avalon, N. J.
- Frederick Stearns. Several species of Japanese mollusks.
- Dr. R. E. C. Stearns. *Nassa complanata* Powis (two varieties), *Olivella puelchana* Orb., and *Nassa brunneostoma* Stearns.
- Witmer Stone. Six species of mollusks from York and Luzerne Counties, Pa., etc.
- L. H. Streng. Thirteen species of shells.
- H. H. Stupakoff. *Helicina occulta* etc., from Western Pa.
- H. Suter. Sixty-nine species of land shells from New Zealand (purchased).

- G. W. Taylor. *Pupa hoppii* Moller, etc., from British Columbia.
 E. G. Vanetta. Twelve species of mollusks from Philadelphia (alcoholic).
 Bryant Walker. *Strobilops*, etc., from Michigan.
 Robert Walton. Ten species of mollusks from environs of Philadelphia. Darts of *Gastrodonta ligera* Say.
 G. W. Webster. *Strobilops* from Florida and Minnesota.
 Wm. H. Weeks, Jr. Five species of land mollusks.
 A. G. Wetherby. Series of land shells from near Magnetic City, N. C.
 Williard M. Wood. Several species of Japanese and Californian mollusks.
 G. W. Wright (in exchange). One hundred and thirty-four species of marine shells from New Zealand.
 Purchased. Two hundred and fifty-one species of land and fresh-water shells formerly in the collection of the late Arthur Morelet.

VERTEBRATE FOSSILS.

- Dr. Sternberg. Nineteen trays cretaceous fossil fish, four trays fossil reptiles.
 Mr. Levy, through Dr. J. C. Morris. Bones and teeth of *Dibelodon humboldtii* and *Megatherium* sp., 120 miles from sea-coast W. of Recife, Brazil.

INVERTEBRATE FOSSILS.

- W. C. Borden. Five trays of cretaceous fossils, Lenola, N. J.
 Miss M. E. Holmes. One tray cretaceous fossils, Lenola, N. J.
 Charles Laubach. Seven casts *Monocraterion lesleyi*, Bucks County, Pa.
 Miss McFarlane. One tray Cambrio-silurian fossils.
 Clarence B. Moore. Thirty-four trays post-pliocene fossil mollusca, Florida.
 H. A. Pilsbry and J. E. Ives. Six trays fossils, Maryland.
 Prof. S. P. Sharpless. Two trays phosphate rock, N. Carolina.
 E. Stokes and E. Harmer. Two coral pebbles, Moorestown and New Germania, N. J.
 Jos. Willcox. Fifty trays Miocene and Pliocene fossils, Florida; seventy-four trays Pliocene fossils, Cal. For American Conchological Association collection.
 Lewis Woolman. Three trays fossils, Farmingdale, N. J.; thirty trays fossils, Lenola, N. J.

PLANTS.

- Estate of John Ball, through Harvard University. Four hundred and eighty-two species of plants, mostly European and mostly collected by the late John Ball.

- Prof. Charles S. Sargent, of the Arnold Arboretum. Six species of shrubs collected by him in Japan in 1892.
- Roberts Le Boutillier. Four species of tropical orchids.
- Dr. Henry Skinner. *Viscum album* L. from Devonshire, England.
- Peary Relief Expedition, sent to Greenland under the auspices of the Academy in 1892, Angelo Heilprin in charge, William E. Meehan, botanist. Eighty-nine species of phanerogamic plants and thirty-three species of lichens.
- Herbarium, of Columbia College, New York, through Prof. N. L. Britton. One hundred and ninety species of flowering plants and ferns collected mostly in the mountains of southwestern Virginia by N. L. and Mrs. E. G. Britton and Anna M. Vail, in 1892.
- A. A. Heller, Lancaster, Pa. Eighty-eight species of plants from Pennsylvania and North Carolina, including a few species from Idaho.
- Dr. J. Bernard Brinton. Eighteen species of plants collected by A. A. Baldwin on Merritt's Island, southern Florida. Staminate and pistillate forms of *Corema Conradii* from "The Plains," Monmouth Co., N. J.
- Ellis and Everhart. Twenty-ninth and Thirtieth Centuries of North American Fungi, received in exchange for duplicate centuries of the same from estate of George Martin.
- Prof. José N. Rovirosa. Thirty-five species of plants collected by him in the States of Tabasco and Chiapas, Mexico.
- Dr. Charles Schaffer. Hough's Sections of American Woods. Part III.
- J. D. A. Cockerell. *Uredo Violæ*, a fungus destructive to grape vines, from Kingston, Jamaica, collected by A. Hylton.
- E. E. Schantz, Gettysburg collection, Pa. Four species of plants collected by him in Central Kansas.
- Joseph D. Crawford. Series of specimens of *Asplenium montanum* from York Co., Pa.; *Carex triceps* and *Pentstemon Digitalis* from Perkiomen, Pa.
- T. Chalkley Palmer. *Crotonopsis linearis* and cleistogamic form of *Viola bicolor* Pursh.
- Frederick L. Lewton. *Habenaria macroceratidis*, *Habenaria Garberi* and *Microstylis Floridana*, from Sumter Co., Florida.
- Prof. L. H. Bailey, of Cornell University. *Rubus Canadensis* L. var., *coribaccus*, a new variety.
- Uselma C. Smith. *Hydrodictyon*—a fresh water alga.
- Miss H. G. Powers, of Ismid, Turkey-in-Asia. Two hundred and forty species of Bithynian plants collected by her.
- Prof. Thomas C. Porter, Lafayette College. Twenty species of plants from Pennsylvania, New Jersey and Virginia.
- W. W. Jefferis. Twenty-one species plants from Fort Edward, N. Y.

- John Donnell Smith. One hundred and fifty species of plants collected in Guatemala by himself and others.
- Benjamin Heritage. *Aristida oligantha* from vicinity of Mickleton, N. J.
- Thomas Meehan and John H. Redfield. Two hundred and sixty-nine species of plants collected by C. G. Pringle in 1892 in the States of San Luis Potosi, Jalisco and Michoacan, Mexico.
- Charles E. Smith and Thomas Meehan. Three hundred and seventy-eight species of plants collected in Bolivia by Miguel Bang in 1890 and 1891.
- Charles E. Smith. *Polygonum dumetorum*, the typical form and the var. *scandens*, also *Polygonum cuspidatum*—from vicinity of Philadelphia.
- John H. Redfield. One hundred and fifty-four species of plants collected by Dr. Thomas Morong in Paraguay, 1888-90. Bark of *Sequoia gigantea* from Calaveras Grove, California. Woody skeleton of *Opuntia Bigelovii* from Arizona. *Montia fontana* from islands on the coast of Maine. *Galtonia candicans*, cultivated. Underwood's Hepaticae Americanae, Decades 15 and 16.
- Thomas Meehan. *Odontospermum pygmaeum* from Palestine, *As-tragalus tomentosus* from Egypt, *Cladothrix tomentosa* from Kansas, *Coursetia axillaris* from San Diego, California, and *Pseudotsuga Douglasii* from Colorado.
- Edward L. Rand and John H. Redfield. Ninety-three species of plants illustrative of the Flora of Mt. Desert, Me.
- J. H. Sandberg. Seventy-nine species of N. American plants.

FOSSIL PLANTS.

- Peary Relief Expedition. Sixty-five trays Miocene leaf impressions, Ataekerdruk, Greenland.

MINERALS AND ROCKS.

- Jacob Binder. One tray Cassiterite, S. Dakota.
- J. T. M. Cardeza, M. D. One tray Corundum, Chester Co., Pa.
- Mrs. G. W. Carpenter. Quartz, var. Citrine, Brazil(?)
- E. Goldsmith. Asbeferrite and Pyrite in Calcite, French Creek, Chester Co., Pa.
- J. M. Hartman. Hematite, Lancashire, England; Chalcophanite, Ogdensburg, N. Y.; artificial Zincite, from residuum heaps, Franklin, N. J.
- W. W. Jefferis. Hematite, L. Superior; Prasopal, Frankenstein, Silesia; Oligoclase, Tvedestrand, Norway; Hypersthene rock, Adirondacks, N. Y., and five other specimens.

- H. G. Ives. One Aquacryptite, one Glockerite, and one folded gneiss, Philadelphia, and four other specimens.
- A. Kollner. Two trays rock, Pennsylvania.
- Francis James Knauff. Pyrolusite, Podi, Russia.
- Abraham Meyer. One tray limestone, Cogan House, Lycoming Co., Pa.
- Mineralogical Section. Quartz Pseudomorph after Crocidolite, S. Africa.
- Peary Relief Expedition. Granite, Littleton Island, Greenland; one tray Nodular sandstone, Atanekerdruk, Greenland; twelve specimens native iron, Disko, Greenland.
- T. D. Rand. Nine trays minerals, one rock.
- J. E. Richardson. Series of seven specimens distorted Pyrite, French Creek, Chester Co., Pa.
- C. G. Sower. Pyrite, French Creek, Chester Co., Pa.
- Rev. J. E. Talmage. Two large Selenites, Wayne Co., Utah.
- C. S. Welles. Anthophyllite, Media, Delaware Co., Pa.
- G. B. Wilkinson. Nine Magnetites, Essex Co., N. Y.
- Lewis Woolman. Hornblende, Orange Co., N. Y.; Byssolite, French Creek, Chester Co., Pa.
- Purchased for Vaux collection. One hundred and forty-nine trays and fifty-four specimens of minerals.